

**DATE:** August 22, 2019

**TO:** Todd Wyett, Chairman  
State Transportation Commission

**FROM:** Paul C. Ajegba  
Director

**SUBJECT:** Waiver of Commission Approval

The projects and descriptions documented in Exhibit A, attached, are contracts between the Michigan Department of Transportation and local public agencies. These contracts require approval of the State Transportation Commission (STC). The approximate eight-week delay if Commission approval were deferred to the next State Transportation Commission meeting of October 17, 2019, would result in a delay in transmittal of funds, jeopardize project schedules, and transportation services.

The projects and descriptions documented in Exhibit A-1 attached, will be let by the Michigan Department of Transportation on August 23, September 6, October 16, and October 25, 2019. These projects require pre-approval as the engineers' estimates are over \$500,000. The approximate eight-week delay resulting if Commission pre-approval were deferred to the next State Transportation Commission meeting on October 17, 2019, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedules.

The projects and descriptions documented in Exhibit A-2, attached, were let by the Michigan Department of Transportation on July 12, 2019. The low bids received were more than 10% over the engineers' estimate and therefore require approval by the State Transportation Commission. The approximate eight-week delay resulting if Commission approval were deferred to the next State Transportation Commission meeting on October 17, 2019, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedule.

Thus, a waiver of the required Commission approval is requested, as provided in Commission Resolution 79-3, as amended, footnote F:

“If, in the opinion of the Director, the public interest requires that a certain contract be awarded or an agreement be executed prior to approval by the Commission, hereunder, the Director shall seek a waiver of the required approval from the Chairman of the Transportation Commission. If the request of the approval is verbal, the waiver shall be confirmed, in writing, within fourteen (14) days.”

If the waiver is granted, the Department will proceed to execute the items noted above.

*Signed copy on file*

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Director

The request for waiver of Commission approval of the above-mentioned item is approved.

*Signed copy on file*

*August 22, 2019*

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Todd Wyett, Chairman

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Date

# REQUEST FOR MICHIGAN STATE TRANSPORTATION COMMISSION APPROVAL

## CONTRACTS

August 22, 2019

The following contracts are being submitted for approval. The appropriate documents will be approved by the Attorney General and comply with all legal and fiscal requirements prior to award.

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## CONTRACTS

1. HIGHWAYS - Railroad Grade Crossing Improvement Contract  
Contract (2019-5261) between MDOT and the Genesee Road Commission will provide for funding participation in the construction of the following improvements utilizing State Rail Grade Crossing Funds and Federal Highway Administration Surface Transportation Program Funds:  
  
Hot mix asphalt resurfacing work at the at-grade crossing of the tracks of the Huron and Eastern Railway Company with Porter Road (National Inventory #283-821-K), including culvert replacement, subbase correction, aggregate base, aggregate shoulder, guardrail installation, and permanent signing work.  
  
Estimated Funds:  
  

Federal Highway Administration Funds	\$203,300
State Rail Grade Crossing Funds	\$ 22,600
Genesee Road Commission Funds	<u>\$ 0</u>
Total Funds	\$225,900

  
 STRH 25000 – 202108  
 Letting of 6/7/2019
  
2. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5285) between MDOT and the Gratiot County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds):  
  
Hot mix asphalt resurfacing work along Washington Road from approximately 0.5 miles west of Bagley Road easterly to Baldwin Road, including aggregate shoulder and pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$125,529
Gratiot County Road Commission Funds	<u>\$ 51,371</u>
Total Funds	<u>\$176,900</u>

EDD 29000 - 205706

Letting of 7/12/2019

3. HIGHWAYS - Railroad Grade Crossing Improvement Contract

Contract (2019-5314) between MDOT and the Monroe County Road Commission will provide for funding participation in the following improvements under the State Rail Grade Crossing Program:

Flasher installation work at the at-grade crossing of the tracks of Ann Arbor Railroad with Sherman Road (National Inventory #000-171-B), including signing installation work.

Estimated Funds:

State Rail Grade Crossing Funds	\$11,935.53
Monroe County Road Commission Funds	<u>\$ 0</u>
Total Funds	<u>\$11,935.53</u>

MRR 58000 – 206671

Railroad Force Account

4. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2019-5329) between MDOT and the Delta County Road Commission will provide for participation in the following improvements:

Single course chip seal work along 20th Road (County Road 416) from M5 Road (County Road 426) to J Road (County Road 416), together with necessary related work.

Estimated Funds:

Federal Highway Administration Funds	\$62,810.63
Delta County Road Commission Funds	<u>\$15,702.66</u>
Total Funds	<u>\$78,513.29</u>

STL 21000 – 207906

Local Force Account

5. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2019-5341) between MDOT and the County of Jackson will provide for participation in the following improvements:

Single course chip seal and fog seal work along Cement City Road from Taylor Road northerly to the village limits of Brooklyn, along Brooklyn Road from Taylor Road to Highway M-50, and along Race Road from Ann Arbor Road northerly for approximately 0.48 miles, including pavement marking and traffic control work.

Estimated Funds:

Federal Highway Administration Funds	\$75,199.99
County of Jackson Funds	<u>\$18,800.00</u>
Total Funds	<u>\$93,999.99</u>

STL 38000 – 206609

Local Force Account

6. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2019-5395) between MDOT and the Village of Breedsville will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category B Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt crushing, shaping, and resurfacing work along Main Street from Pine Street easterly to the east village limits of Breedsville, including ditch, restoration, and storm improvement work

Estimated Funds:

State Restricted TED Funds	\$ 36,300
FHWA STP – Rural Funds	\$290,300
Village of Breedsville Funds	<u>\$ 36,300</u>
Total Funds	<u>\$362,900</u>

STL 80000 – 129854; Van Buren County

Letting of 8/9/2019

7. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2019-5396) between MDOT and the Iosco County Road Commission will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt resurfacing work along Alabaster Road from Rempert Road easterly to Highway US-23, including aggregate shoulder, permanent signing, and pavement marking work.

Estimated Funds:

State Restricted TED Funds	\$ 83,189.55
FHWA STP – Rural Funds	\$109,720.00
Iosco County Road Commission Funds	<u>\$ 25,890.45</u>
Total Funds	<u>\$218,800.00</u>

STL 35000 - 205874

Letting of 9/6/2019

8. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5402) between MDOT and the Washtenaw County Road Commission will provide for funding participation in the construction of the following improvements:

Road safety improvement and enhancement work located along Highway US-12 from Highway I-94 easterly to the east Washtenaw County line.

Estimated Funds:

State Restricted Trunkline Funds	<u>\$8,000,000</u>
Total Funds	<u>\$8,000,000</u>

M 81063 - 205493; Washtenaw County  
Local Construction

9. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5412) between MDOT and the Village of Grass Lake will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

Hot mix asphalt cold milling and resurfacing work along Michigan Avenue from east village limits to the west village limits of Grass Lake and along North Union Street from the north village limits of Grass Lake to Michigan Avenue.

Estimated Funds:

State Restricted TED Funds	\$ 70,000
FHWA STP – Rural Funds	\$280,000
Village of Grass Lake Funds	<u>\$ 0</u>
Total Funds	<u>\$350,000</u>

STL 38000 – 206575; Jackson County  
Letting of 8/9/2019

10. HIGHWAYS - Participation for Local Agency Construction Contract  
Contract (2019-5423) between MDOT and the City of Walker will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Grade separation removal work and at-grade crossing construction work along Walker Avenue at Coopersville and Marne Railway, including an additional lane in each direction for a four-lane roadway cross-section.

Estimated Funds:

State Restricted TED Funds	\$1,767,600
City of Walker Funds	<u>\$ 687,400</u>
Total Funds	<u>\$2,455,000</u>

EDA 41000 – 208409; Kent County  
Local Letting

11. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2019-5431) between MDOT and the Village of Tekonsha will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category B Funds:

Hot mix asphalt non-structural resurfacing work along North Street from Main Street to the east village limits of Tekonsha.

Estimated Funds:

State Restricted TED Funds	\$24,000
Village of Tekonsha Funds	<u>\$24,000</u>
Total Funds	<u>\$48,000</u>

EDB 13000 – 208591; Calhoun County  
Local Letting

12. PASSENGER TRANSPORTATION - Section 5317 Program

Project Authorization (20) Revision (5) under Master Agreement (2007-0201) between MDOT and the City of Detroit will extend the authorization term by approximately 18 months to provide sufficient time for the City to use the remaining operating funds. The City is requesting additional time due to administrative inefficiencies, which have been addressed. The original authorization provides state matching funds for the City's FY 2008, FY 2009, FY 2010, FY 2011, and FY 2012 Federal Section 5317 New Freedom Program grant for vans, mobility management, support equipment, and program administration. The revised authorization term will be September 23, 2010, through March 31, 2021. The authorization amount remains unchanged at \$7,226,860. The toll credit amount remains unchanged at \$249,911. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - \$4,663,137; FY 2009 and FY 2014 State Restricted Comprehensive Transportation Funds - \$1,230,604; City of Detroit Funds - \$1,333,119; Toll Credits - \$249,911.

13. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (24) Revision (7) under Master Agreement (2007-0201) between MDOT and the City of Detroit will extend the authorization term by three years to provide sufficient time for the City to complete the projects. The City will be using remaining funds for a three-year bus rehabilitation project and ongoing facility renovations at terminals and the Rosa Parks Transit Center. The additional time is needed because the City revised the capital plan and is working to reprogram overfunded projects. The original authorization provides state matching funds for the City's FY 2010 Federal Section 5307 Urbanized Area Formula Capital Program grant for lease payments, preventative maintenance, rehabilitation/renovation, miscellaneous support equipment, computer equipment, support vehicles, bus shelters, and general planning and engineering. The revised authorization term will be September 23, 2010, through September 22, 2022. The authorization amount remains unchanged at \$141,945,411. The toll credit amount remains unchanged at \$2,781,045. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - \$116,337,373; FY 2010, FY 2011, FY 2012, FY 2013, FY 2014 State Restricted Comprehensive Transportation Funds - \$25,608,038.
14. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (9) Revision (3) under Master Agreement (2012-0033) between MDOT and the Ann Arbor Area Transportation Authority (AAATA) will extend the authorization term by 13 months to provide sufficient time for AAATA to complete the projects. The project was delayed due to a pending amendment to the federal grant that will allow AAATA to utilize funds for a bus purchase. The original authorization provides state matching funds for the FY 2013 Federal Section 5307 Urbanized Area Formula Capital Program grant for facility renovation, expansion buses and vans, automatic data processing hardware and software, associated capital maintenance equipment, capital cost of contracting, preventive maintenance, communication equipment, support vehicles, bus shelters, and planning. The revised authorization term will be September 16, 2013, through October 15, 2020. The authorization amount remains unchanged at \$5,966,013. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$4,772,810; FY 2013 State Transportation Funds - \$1,193,203.
15. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (11) Revision (2) under Master Agreement (2012-0033) between MDOT and the Ann Arbor Area Transportation Authority (AAATA) will extend the authorization term by 13 months to provide sufficient time for AAATA to complete the replacement vehicle project. The project was delayed when AAATA changed its standardized bus procurement process, which resulted in AAATA making bus purchases out of order and slowing its utilization of grant funds. The original authorization provides state matching funds for the FY 2013 Federal Section 5307 Urbanized Area Formula Capital Program and Congestion Mitigation and Air Quality Improvement Program grant for replacement buses. The revised authorization term will be September 4, 2013, through October 3, 2020. The authorization amount remains unchanged at \$3,745,400. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$2,996,320; FY 2013 State Transportation Funds - \$319,080; FY 2013 and FY 2015 State Restricted Comprehensive Transportation Funds - \$430,000.



16. PASSENGER TRANSPORTATION - Section 5310 Program  
Project Authorization (18) Revision (3) under Master Agreement (2012-0033) between MDOT and the Ann Arbor Area Transportation Authority (AAATA) will extend the authorization term by approximately one year to provide sufficient time for AAATA to complete the mobility management project. The project was delayed due to the reorganization of the MyRide mobility management program. The original authorization provides state matching funds for the FY 2013 and FY 2014 Federal Section 5310 Elderly and Persons with Disabilities Program grant for the purchase of replacement buses and for mobility management. The revised authorization term will be September 25, 2015, through October 1, 2020. The authorization amount remains unchanged at \$327,674. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$249,600; FY 2014 State Restricted Comprehensive Transportation Funds - \$62,400; Insurance Proceeds - \$15,674.
17. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (8) Revision (7) under Master Agreement (2012-0048) between MDOT and the Blue Water Area Transportation Commission will extend the authorization term by one year to provide for the continuation of service through FY 2020. The original authorization provides state matching funds for the FY 2014 Federal Section 5307 Urbanized Area Formula Capital Program and Job Access and Reverse Commute Program grant for operating assistance and mobility management. The revised authorization term will be October 1, 2013, through September 30, 2020. The authorization amount will remain unchanged at \$6,557,167. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$279,825; FY 2014, FY 2015, FY 2016, FY 2017, FY 2018, and FY 2019 State Restricted Comprehensive Transportation Funds - \$6,277,342.
18. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (8) Revision (8) under Master Agreement (2012-0048) between MDOT and the Blue Water Area Transportation Commission will provide an additional \$1,114,060 in state funds for the continued transportation of welfare recipients and eligible low-income individuals to and from jobs and activities related to their employment in FY 2020. The original authorization provides state matching funds for the FY 2014 Federal Section 5307 Urbanized Area Formula Capital Program and Job Access and Reverse Commute Program grant for operating assistance and mobility management. The authorization term remains unchanged, October 1, 2013, through September 30, 2020. The revised authorization amount will be \$7,671,227. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$279,825; FY 2014, FY 2015, FY 2016, FY 2017, FY 2018, FY 2019, and FY 2020 State Restricted Comprehensive Transportation Funds - \$7,391,402.

19. PASSENGER TRANSPORTATION - Section 5339 Program  
Project Authorization (11) Revision (4) under Master Agreement (2012-0055) between MDOT and the Capital Area Transportation Authority (CATA) will extend the authorization term by one year to provide sufficient time for CATA to complete the projects. The additional time is needed because CATA's vehicle vendor contracts had expired, which delayed vehicle procurement. The original authorization provides state matching funds for CATA's FY 2013 and FY 2014 Federal Section 5339 Bus and Bus Facilities Formula Program grant for the purchase of replacement buses. The revised authorization term will be July 22, 2013, through July 21, 2020. The authorization amount remains unchanged at \$2,542,776. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$2,034,220; FY 2013 State Transportation Funds - \$165,295; FY 2014, FY 2015 and FY 2016 State Restricted Comprehensive Transportation Funds - \$343,261.
20. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (12) Revision (3) under Master Agreement (2012-0055) between MDOT and the Capital Area Transportation Authority (CATA) will extend the authorization term by two years to provide sufficient time for CATA to complete the projects. The projects were delayed as a result of CATA completing the Transit Management Plan, re-evaluating long-term fleet planning decisions in light of the plan, and determining the types of vehicles to procure. The original authorization provides state matching funds for CATA's FY 2013 and FY 2014 Federal Section 5307 Urbanized Area Formula Capital Program and Congestion Mitigation and Air Quality Improvement Program grant for an ozone action public education program and replacement buses. The revised authorization term will be September 3, 2013, through September 2, 2021. The authorization amount remains unchanged at \$1,471,810. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$1,177,448; FY 2013 State Transportation Funds - \$112,715; FY 2014 and FY 2015 State Restricted Comprehensive Transportation Funds - \$181,64.
21. PASSENGER TRANSPORTATION - Section 5310 Program  
Project Authorization (13) Revision (2) under Master Agreement (2012-0055) between MDOT and the Capital Area Transportation Authority (CATA) will extend the authorization term by two years to provide sufficient time for CATA to complete the project. The project was delayed because no responsive or responsible bids were received for the last two solicitations. The original authorization provides state matching funds for CATA's FY 2013 Federal Section 5310 Elderly and Persons with Disabilities Program grant for a replacement bus. The revised authorization term will be September 24, 2015, through September 23, 2021. The authorization amount remains unchanged at \$493,142. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$394,513; FY 2013 and FY 2016 State Transportation Funds - \$98,629.

22. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (15) Revision (4) under Master Agreement (2012-0055) between MDOT and the Capital Area Transportation Authority will adjust line items to match the federal grant and will extend the authorization term by two years to provide sufficient time for CATA to complete the projects. The projects were delayed because no responsive or responsible bids were received for the last two solicitations. The original authorization provides state matching funds for the FY 2013 Federal Section 5307 Urbanized Area Formula Capital Program grant for support, replacement and expansion vehicles, facility renovation, associated capital maintenance, automatic data processing software and hardware, preventive maintenance, shop and mobile surveillance/security equipment, emergency response drills, safety and security plan, pedestrian access/walkways, signage, and planning. The revised authorization term will be July 24, 2013, through July 23, 2021. The authorization amount remains unchanged at \$22,284,888. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$17,719,257; FY 2013 State Transportation Funds - \$1,449,035; FY 2014, FY 2015, and FY 2017 State Restricted Comprehensive Transportation Funds - \$3,116,596.
23. PASSENGER TRANSPORTATION - Section 5310 Program  
Project Authorization (8) Revision (2) under Master Agreement (2012-0073) between MDOT and the Detroit Transportation Corporation (DTC) will extend the authorization term by one year to provide sufficient time for DTC to complete the station renovation and signage projects. The projects were delayed due to staffing changes at the DTC. The original authorization provides state matching funds for DTC's FY 2014 Federal Section 5310 Enhanced Mobility for Seniors and Individuals with Disabilities Program grant for station rehabilitation/renovation, signage, and communication equipment. The revised authorization term will be September 25, 2015, through September 24, 2020. The authorization amount remains unchanged at \$1,161,250. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$929,000; FY 2014 and FY 2015 State Restricted Comprehensive Transportation Funds - \$232,250.
24. PASSENGER TRANSPORTATION - Section 5307 CMAQ/Small Urban Programs  
Project Authorization (13) Revision (4) under Master Agreement (2012-0129) between MDOT and the Mass Transportation Authority (MTA) will extend the authorization term by one year to provide sufficient time for MTA to complete the projects. MTA has been working with the Federal Transit Administration to get approval on a budget amendment to allow MTA to combine funding to have enough to purchase another vehicle with the remaining balance. The original authorization provides state matching funds for MTA's FY 2013, FY 2014, and FY 2015 Federal Section 5307 Urbanized Area Formula Capital Program, Congestion Mitigation and Air Quality Improvement Program, and Small Urban Program grant for the purchase of replacement vehicles. The revised authorization term will be September 24, 2013, through September 23, 2020. The authorization amount remains unchanged at \$4,448,099. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$3,558,479; FY 2013, FY 2014, and FY 2015 State Transportation Funds - \$889,620.

25. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (14) Revision (6) under Master Agreement (2012-0129) between MDOT and the Mass Transportation Authority (MTA) will extend the authorization term by one year to provide sufficient time for MTA to complete the projects. The construction of the new service center is complete and had cost savings. MTA is working with the Federal Transit Administration to allow the remaining funds to be used for the renovation of existing buildings. The original authorization provides state matching funds for the FY 2013 Federal Section 5307 Urbanized Area Formula Program grant for facility rehabilitation and renovation, equipment purchases, preventive maintenance, and vehicle equipment purchases. Job Access and Reverse Commute Program funds provide work-related transportation to Genesee County residents accessing jobs in the counties of Oakland, Livingston, Lapeer, Saginaw, Washtenaw, and Genesee. The revised authorization term will be September 9, 2013, through September 8, 2020. The authorization amount remains unchanged at \$29,327,419. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$20,338,852; FY 2013, FY 2014 and FY 2015 State Restricted Comprehensive Transportation Funds - \$5,688,567; Michigan Strategic Funds - \$1,100,000; Michigan Department of Talent and Economic Development Funds - \$550,000; Michigan Department of Health and Human Services Funds - \$1,650,000.
26. PASSENGER TRANSPORTATION - Section 5310 Program  
Project Authorization (4) Revision (2) under Master Agreement (2012-0141) between MDOT and the Newaygo County Commission on Aging will extend the authorization term by six months to provide sufficient time for the Commission to complete the vehicle purchases. The Commission is currently waiting for three passenger vans to be delivered; however, the anticipated delivery date will go beyond the current expiration date of the authorization. The original authorization provides state matching funds for the FY 2016 Federal Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities program grant for vehicles. The revised authorization term will be September 23, 2016, through March 22, 2020. The authorization amount remains unchanged at \$889,130. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$711,304; FY 2016 State Restricted Comprehensive Transportation Funds - \$177,826.
27. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (17) Revision (4) under Master Agreement (2012-0170) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART) will extend the authorization term by two years to provide sufficient time for SMART to complete the projects. The additional time is needed because some of the facility renovation projects are dependent upon the completion of other projects that were delayed, and some projects are being done in conjunction with other grants that were delayed. The original authorization provides state matching funds for SMART's FY 2013 Federal Section 5307 Urbanized Area Formula Capital Program grant for preventive maintenance, facility renovation and enhancements, vehicles and vehicle parts, fare collection, computer equipment, and maintenance equipment. The revised authorization term will be September 20, 2013, through September 19, 2021. The authorization amount remains unchanged at \$81,901,770. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$65,521,414; FY 2011, FY 2013, FY 2014, and FY 2015 State Restricted Comprehensive Transportation Funds - \$16,380,356.

28. PASSENGER TRANSPORTATION - Section 5339 Program  
Project Authorization (18) Revision (3) under Master Agreement (2012-0170) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART) will extend the authorization term by one year to provide sufficient time for SMART to utilize remaining funds for a replacement bus. The project was delayed because of a revision to the federal grant. The original authorization provides state matching funds for SMART's FY 2013 Federal Section 5339 Bus and Bus Facilities Formula Program grant for the purchase of replacement vehicles and bus spare parts. The revised authorization term will be September 20, 2013, through September 19, 2020. The authorization amount remains unchanged at \$8,651,086. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$6,920,868; FY 2013, FY 2014, and FY 2015 State Restricted Comprehensive Transportation Funds - \$1,730,218.
29. PASSENGER TRANSPORTATION - Section 5310 Program  
Project Authorization (20) Revision (3) under Master Agreement (2012-0170) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART) will extend the authorization term by two years to provide sufficient time for SMART to complete the projects. The projects were delayed to due to slower than expected execution of subrecipient contracts. The original authorization provides state matching funds for the FY 2013 Federal Section 5310 Elderly and Persons with Disabilities Program grant for the purchase of replacement and expansion vehicles. The revised authorization term will be September 25, 2015, through September 24, 2021. The authorization amount remains unchanged at \$4,769,433. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$3,815,546; FY 2011, FY 2013, and FY 2014 State Restricted Comprehensive Transportation Funds - \$953,887.
30. PASSENGER TRANSPORTATION - Section 5316 Program  
Project Authorization (21) Revision (3) under Master Agreement (2012-0170) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART) will extend the authorization term by one year to provide sufficient time for SMART to utilize remaining funds for vehicle replacements and mobility management. The projects were delayed because of revisions to the federal grant. The original authorization provides state matching funds for the FY 2011 and FY 2012 Federal Section 5316 Job Access and Reverse Commute Program grant for mobility management, operating assistance, replacement vehicles, and computer equipment. The revised authorization term will be September 24, 2013, through September 23, 2020. The authorization amount remains unchanged at \$2,606,087. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$1,516,406; FY 2013 State Restricted Comprehensive Transportation Funds - \$1,089,681.

31. PASSENGER TRANSPORTATION - Section 5307 Program

Project Authorization (22) Revision (3) under Master Agreement (2012-0170) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART) will extend the authorization term by one year to provide sufficient time for SMART to complete the projects. The projects were delayed due to ongoing revisions to the federal grant. The vehicles have been delivered; however, automatic vehicle location and camera procurement and installation will not be completed for the new buses before the current expiration date. The original authorization provides state matching funds for SMART's FY 2007, FY 2013, and FY 2014 Federal Section 5307 Urbanized Area Formula Capital Program and Congestion Mitigation and Air Quality Improvement Program grant for replacement vehicles and spare bus parts. The revised authorization term will be September 23, 2013, through September 22, 2020. The authorization amount remains unchanged at \$15,737,892. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$12,590,313; FY 2013, FY 2014, and FY 2015 State Restricted Comprehensive Transportation Funds - \$3,147,579.

32.-41. PASSENGER TRANSPORTATION - Section 5311 Operating/ Job Access and Reverse Commute Programs

The following project authorizations issued under master agreements between MDOT and the following agencies will provide state matching funds for the FY 2020 Federal Section 5311 Formula Grants for Rural Areas Program. These funds will be used to transport welfare recipients and eligible low-income individuals to and from jobs and activities related to their employment. The authorizations will be in effect from October 1, 2019, through September 30, 2020. The total amount of the authorizations will be \$1,676,671. The terms of the master agreements are from October 1, 2016, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$917,706; FY 2020 State Restricted Comprehensive Transportation Funds - \$758,965.

	<u>Agreement/ Authorization</u>	<u>Agency</u>	<u>Total</u>
32.	2017-0003/18	Allegan County Board of Commissioners	\$102,300
33.	2017-0005/15	Alger Transit Authority	\$141,198
34.	2017-0016/20	Bay Area Transportation Authority	\$161,139
35.	2017-0026/19	Cadillac/Wexford Transit Authority	\$159,932
36.	2017-0066/12	Huron County Board of Commissioners	\$199,500
37.	2017-0071/14	Ionia, City of	\$168,500
38.	2017-0115/10	People's Express	\$280,952
39.	2017-0128/16	St. Joseph County Transportation Authority	\$141,010
40.	2017-0130/16	Suburban Mobility Authority for Regional Transportation	\$180,640
41.	2017-0139/6	Western – Washtenaw Area Value Express	\$141,500

42.-58. PASSENGER TRANSPORTATION - Specialized Services Program

The following project authorizations issued under master agreements between MDOT and the following agencies will provide state funding for the FY 2020 Specialized Services Program, which furnishes operating assistance for transportation services for elderly individuals and individuals with disabilities. The funds will be used for eligible specialized services providers or public transit systems. Reimbursement is based on \$1.20 per vehicle mile, \$4.07 per one-way passenger trip, or \$0.29 per vehicle mile for volunteer driver trips. The authorizations will be in effect from October 1, 2019, through September 30, 2020. The total amount of the authorizations will be \$3,221,393. The terms of the master agreements are from October 1, 2017, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2020 State Restricted Comprehensive Transportation Funds - \$3,221,393.

	<u>Agreement/ Authorization</u>	<u>Agency</u>	<u>Total</u>
42.	2017-0003/19	Allegan County Board of Commissioners	\$106,704
43.	2017-0008/11	Ann Arbor Area Transportation Authority	\$176,840
44.	2017-0015/8	Battle Creek, City of	\$ 92,624
45.	2017-0017/23	Bay Metropolitan Transportation Authority	\$138,434
46.	2017-0043/8	Detroit, City of	\$351,853
47.	2017-0050/6	Friendship Centers of Emmet County	\$ 93,214
48.	2017-0065/10	Houghton, City of	\$ 58,172
49.	2017-0070/11	Interurban Transit Partnership	\$463,289
50.	2017-0078/15	Key Opportunities, Inc.	\$ 56,999
51.	2017-0082/11	Livingston County Board of Commissioners	\$ 59,682
52.	2017-0092/19	Mass Transportation Authority	\$306,772
53.	2017-0104/15	Muskegon County Board of Commissioners	\$ 65,499
54.	2017-0114/4	Ottawa County Board of Commissioners	\$157,569
55.	2017-0121/18	Saginaw Transit Authority Regional Services	\$ 98,924
56.	2017-0127/23	Shiawassee Area Transportation Agency	\$ 78,374
57.	2017-0130/18	Suburban Mobility Authority for Regional Transportation	\$787,819
58.	2017-0135/7	Upper Peninsula Community Services, Inc.	\$128,445

59.-61. PASSENGER TRANSPORTATION - Section 5311 Capital

The following project authorizations issued under master agreements between MDOT and the following agencies will provide state matching funds for the FY 2019 Federal Section 5311 Formula Grants for Rural Areas Program grant funded from the Surface Transportation Program, Congestion Mitigation and Air Quality Improvement Program, and Small Cities Program for the purchase of buses and equipment and for facility improvements. The authorizations will be in effect from the effective date of the federal grant through three years. The authorizations may be retroactive due to the effective dates matching the federal grant effective date. The total amount of the authorizations will be \$931,000. The terms of the master agreements are from October 1, 2016, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$744,800; FY 2019 State Restricted Comprehensive Transportation Funds - \$186,200.

	<u>Agreement/ Authorization</u>	<u>Agency</u>	<u>Total</u>
59.	2017-0003/20	Allegan County Board of Commissioners	\$306,000
60.	2017-0021/6	Berrien County Board of Commissioners	\$312,500
61.	2017-0080/15	Lenawee County Board of Commissioners	\$312,500

62.-83. PASSENGER TRANSPORTATION - 100% State Capital Program

The following project authorizations issued under master agreements between MDOT and the following agencies will provide state funding for replacement buses and facility improvements. The authorizations will be in effect from the dates of award through three years. The total amount of the authorizations be \$3,472,491. The term of the master agreements is from October 1, 2016, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2016, FY 2017, FY 2018 and FY 2019 State Restricted Comprehensive Transportation Funds - \$3,472,491.

	<u>Agreement/ Authorization</u>	<u>Agency</u>	<u>Total</u>
62.	2017-0003/21	Allegan County Board of Commissioners	\$ 77,288
63.	2017-0004/14	Alma, City of	\$159,414
64.	2017-0009/9	Antrim County Board of Commissioners	\$292,578
65.	2017-0022/9	Big Rapids, City of	\$149,519
66.	2017-0032/15	Cheboygan County Board of Commissioners	\$ 73,063
67.	2017-0040/9	Crawford County Transportation Authority	\$101,599
68.	2017-0041/15	Delta Area Transit Authority	\$171,364
69.	2017-0047/19	Eastern Upper Peninsula Transportation Authority	\$ 69,352
70.	2017-0048/10	Eaton County Transportation Authority	\$ 79,917
71.	2017-0052/19	Gladwin County Board of Commissioners	\$166,375
72.	2017-0053/6	Gogebic County Transit	\$ 77,158
73.	2017-0056/12	Greater Lapeer Transportation Authority	\$441,303
74.	2017-0065/12	Houghton, City of	\$136,425
75.	2017-0071/17	Ionia, City of	\$175,410
76.	2017-0075/14	Isabella County Transportation Commission	\$328,567
77.	2017-0077/9	Kalkaska Public Transit Authority	\$229,283
78.	2017-0087/11	Manistee County Board of Commissioners	\$124,415
79.	2017-0100/8	Midland County Board of Commissioners	\$ 78,244
80.	2017-0113/12	Otsego County Board of Commissioners	\$243,530
81.	2017-0124/10	Sault Ste. Marie, City of	\$ 73,047
82.	2017-0127/25	Shiawassee Area Transportation Agency	\$103,545
83.	2017-0136/6	Van Buren County Board of Commissioners	\$121,095



84. PASSENGER TRANSPORTATION - Section 5307/CMAQ/STP/5339 Programs

Project Authorization (13) under Master Agreement (2017-0008) between MDOT and the Ann Arbor Area Transportation Authority will provide state matching funds for the FY 2018 and FY 2019 Federal Section 5307 Transit Formula Grants Program and Congestion Mitigation and Air Quality Improvement (CMAQ) Program and FY 2019 Federal Section 5339 Bus and Bus Facilities Formula Program grant for revenue vehicles, maintenance equipment, computer hardware and software, support vehicles, capital cost of contracting, preventive maintenance, transit enhancements, and facility renovations. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$8,495,934. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$6,796,747; FY 2019 State Restricted Comprehensive Transportation Funds - \$1,699,187.

85. PASSENGER TRANSPORTATION - Section 5310 Program

Project Authorization (14) under Master Agreement (2017-0008) between MDOT and the Ann Arbor Area Transportation Authority will provide state matching funds for the FY 2018 and FY 2019 Federal Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program grant for revenue vehicles, preventive maintenance, mobility management, and intelligent transportation systems. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$290,000. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$232,000; FY 2019 State Restricted Comprehensive Transportation Funds - \$58,000.

86.-92. PASSENGER TRANSPORTATION - Section 5339 Program

The following project authorizations issued under master agreements between MDOT and the following agencies will provide state matching funds for the FY 2019 Federal Section 5339 Bus and Bus Facilities Formula Program grant for vehicle purchases. The authorizations will be in effect from the effective date of the federal grant through three years. The authorizations may be retroactive due to the effective dates matching the federal grant effective date. The total amount of the authorizations will be \$3,164,110. The term of the Arenac County Board of Commissioners master agreement is from October 1, 2018, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2018 through FY 2021. The terms of the other master agreements are from October 1, 2016, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$2,531,288; FY 2019 State Restricted Comprehensive Transportation Funds - \$632,822.

	<u>Agreement/ Authorization</u>	<u>Agency</u>	<u>Total</u>
86.	2017-0009/7	Antrim County Board of Commissioners	\$717,815
87.	2017-0014/6	Barry County Board of Commissioners	\$541,825
88.	2017-0052/17	Gladwin County Board of Commissioners	\$326,750
89.	2017-0065/11	Houghton, City of	\$378,769
90.	2017-0077/8	Kalkaska Public Transit Authority	\$468,390
91.	2017-0113/10	Otsego County Board of Commissioners	\$477,860
92.	2019-0013/6	Arenac County Board of Commissioners	\$252,701

93.-95. PASSENGER TRANSPORTATION - Section 5310

The following project authorizations issued under master agreements between MDOT and the following agencies will provide federal funds and state matching funds under the FY 2019 Federal Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program grant. The authorizations will be in effect from the effective date of the federal grant through three years. The authorizations may be retroactive due to the effective dates matching the effective date of the federal grant. The total amount of the authorizations will be \$2,300,910. The terms of all other master agreements are from October 1, 2016, until the last obligations between the parties have been fulfilled. The master agreements include authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$1,840,727; FY 2019 State Restricted Comprehensive Transportation Funds - \$460,183.

	<u>Agreement/</u> <u>Authorization.</u>	<u>Agency</u>	<u>Total</u>
93.	2017-0010/2	Kent County Community Action	\$ 339,783
94.	2017-0017/25	Bay Metropolitan Transportation Authority	\$1,695,000
95.	2017-0115/11	People's Express	\$ 266,127

96. PASSENGER TRANSPORTATION - Sections 5339 Program

Project Authorization (10) under Master Agreement (2017-0015) between MDOT and the City of Battle Creek will provide state matching funds for the FY 2017 and FY 2018 Federal Section 5339 Bus and Bus Facilities Formula Program grant for terminal and office equipment. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$282,370. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$225,896; FY 2019 State Restricted Comprehensive Transportation Funds - \$56,474.

97. PASSENGER TRANSPORTATION - Section 5339 Program

Project Authorization (10) under Master Agreement (2017-0023) between MDOT and the Blue Water Area Transportation Commission will provide state matching funds for the FY 2018 Federal Section 5339 Low or No-Emissions Program grant for electric buses and electric chargers. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$1,732,555. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$1,500,000; FY 2019 State Restricted Comprehensive Transportation Funds - \$232,555.

98. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (11) under Master Agreement (2017-0027) between MDOT and the Capital Area Transportation Authority will provide state matching funds for the FY 2019 Federal Section 5307 Urbanized Area Formula Capital Program and Congestion Mitigation and Air Quality Improvement Program, FY 2019 Federal Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program, and FY 2019 Federal Section 5339 Bus and Bus Facilities Formula Program grant for revenue vehicles, facility rehabilitation/renovation, support equipment, planning, and preventive maintenance. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$13,462,662. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$10,770,129; FY 2019 State Restricted Comprehensive Transportation Funds - \$2,692,533.
99. PASSENGER TRANSPORTATION - Section 5307 and Section 5339 Programs  
Project Authorization (7) Revision (1) under Master Agreement (2017-0030) between MDOT and the Central County Transportation Authority (CCTA) will provide an additional \$732,199 in state matching funds for the FY 2018 Federal Section 5339(b) Bus and Bus Facilities Competitive Program and FY 2018 Federal Section 5307 Transit Formula Grants Program grant for revenue vehicles and facility improvements. The original authorization provides state matching funds for CCTA's FY 2018 Federal Section 5307 Transit Formula Grants Program and Surface Transportation Program, and Federal Section 5339 Bus and Bus Facilities Formula Program grant for revenue vehicles, facility improvements, office equipment, and maintenance equipment. The authorization term remains unchanged, June 21, 2019, through June 20, 2023. The revised authorization amount will be \$7,036,104. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$5,628,883; FY 2018 and FY 2019 State Restricted Comprehensive Transportation Funds - \$1,407,221.
100. PASSENGER TRANSPORTATION - Section 5307 and Section 5339 Programs  
Project Authorization (12) under Master Agreement (2017-0030) between MDOT and the Central County Transportation Authority will provide state matching funds for the FY 2019 Federal Section 5307 Transit Formula Grants Program, Surface Transportation Program, and Congestion Mitigation and Air Quality Improvement Program and Federal Section 5339 Bus and Bus Facilities Formula Program grant for revenue vehicles. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$1,792,711. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$1,434,168; FY 2019 State Restricted Comprehensive Transportation Funds - \$358,543.

101. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (3) Revision (1) under Master Agreement (2017-0043) between MDOT and the City of Detroit will remove the facility rehabilitation/renovation line item and reduce the authorization amount by \$2,398,114. Due to a grant change by the Federal Transit Administration, the facility line item and funding will be moved to another City of Detroit authorization (2017-0043/P5). The original authorization provides state matching funds for the FY 2018 Federal Section 5307 Transit Formula Grants Program for revenue vehicles, security equipment, support vehicles, communications equipment, and facility renovations. The authorization term remains unchanged, August 23, 2018, through August 22, 2022. The revised authorization amount will be \$14,253,005. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$11,402,404; FY 2018 State Restricted Comprehensive Transportation Funds - \$2,850,601.
102. PASSENGER TRANSPORTATION - Sections 5307 and Section 5339(b) Programs  
Project Authorization (5) Revision (1) under Master Agreement (2017-0043) between MDOT and the City of Detroit will add funding of \$43,410,617 (\$34,728,493 in federal funds and \$8,682,124 in state funds) under the FY 2018 and FY 2019 Federal Section 5307 Federal Transit Formula Grants Program and the FY 2018 Section 5539 (b) Discretionary Local Bus and Bus Facilities Program for facility rehabilitation/renovation. The original authorization provides state matching funds for the FY 2017 Federal Section 5339(b) Discretionary Bus and Bus Facilities Formula Program grant for the renovation of the City's Coolidge Terminal and Maintenance Facility. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The revised authorization amount will be \$47,910,617. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$38,328,493; FY 2018 and FY 2019 State Restricted Comprehensive Transportation Funds - \$9,582,124.
103. PASSENGER TRANSPORTATION - Section 5307/CMAQ/Section 5339 Programs  
Project Authorization (9) under Master Agreement (2017-0043) between MDOT and the City of Detroit will provide state matching funds for the FY 2019 Federal Section 5307 Transit Formula Grants and Congestion Mitigation and Air Quality Improvement Programs, and FY 2019 Federal Section 5339 Bus and Bus Facilities Formula Program grant for revenue vehicles. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$8,241,914. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$6,593,531; FY 2019 State Restricted Comprehensive Transportation Funds - \$1,648,383.
104. PASSENGER TRANSPORTATION - Sections 5307 Program  
Project Authorization (10) under Master Agreement (2017-0043) between MDOT and the City of Detroit will provide state matching funds for the FY 2019 Federal Section 5307 Transit Formula Grants Program grant for administrative vehicles, computer hardware, office furniture, security improvements, bus stop signage, and fare collection equipment. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$7,631,067. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$6,104,854; FY 2019 State Restricted Comprehensive Transportation Funds - \$1,526,213.

105. PASSENGER TRANSPORTATION - Section 5310 Program  
Project Authorization (11) under Master Agreement (2017-0043) between MDOT and the City of Detroit will provide state matching funds for the FY 2019 Federal Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program grant to support the City's MetroLift paratransit service. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$1,621,684. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$1,297,347; FY 2019 State Restricted Comprehensive Transportation Funds - \$324,337.
106. PASSENGER TRANSPORTATION - Sections 5307/5337 Programs  
Project Authorization (1) Revision (1) under Master Agreement (2017-0044) between MDOT and the Detroit Transportation Corporation (DTC) will provide an additional \$456,758 in state matching funds for DTC's FY 2019 Federal Section 5307 Transit Formula Grants Program and FY 2019 Federal Section 5337 State of Good Repair Program grant and will extend the authorization term by one year. The original authorization provides state matching funds for DTC's FY 2018 Federal Section 5307 Transit Formula Grants Program and FY 2018 Federal Section 5337 State of Good Repair Program grant for rehabilitation/renovation of the People Mover, for signal equipment, and for fixed guideway preventive maintenance. The revised authorization term will be May 4, 2019, through May 3, 2024. The revised authorization amount will be \$4,601,321. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$3,681,057; FY 2018 and FY 2019 State Restricted Comprehensive Transportation Funds - \$920,264.
107. PASSENGER TRANSPORTATION - Section 5310 Program  
Project Authorization (2) Revision (1) under Master Agreement (2017-0044) between MDOT and the Detroit Transportation Corporation (DTC) will provide an additional \$67,500 in state matching funds for the FY 2019 Federal Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program grant and will extend the authorization term by one year. The original authorization provides state matching funds for the FY 2018 Federal Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Program grant for the rehabilitation/renovation of the People Mover. The revised authorization term will be April 25, 2019, through April 24, 2024. The revised authorization amount will be \$800,000.. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$640,000; FY 2018 and FY 2019 State Restricted Comprehensive Transportation Funds - \$160,000.
108. PASSENGER TRANSPORTATION - Marine Capital  
Project Authorization (18) under Master Agreement (2017-0047) between MDOT and the Eastern Upper Peninsula Transit Authority (EUPTA) will provide 100 percent state funds for property acquisition and construction of a new transit facility for emergency purposes. The facility that EUPTA currently operates is not owned by EUPTA and is in disrepair. The authorization will be in effect from the date of award through three years. The authorization amount will be \$3,300,000. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2019 State Restricted Comprehensive Transportation Funds - \$3,300,000.

109. PASSENGER TRANSPORTATION – Section 5311(f) Capital Program  
Project Authorization (1) Revision (3) under Master Agreement (2017-0068) between MDOT and Indian Trails, Inc., will reduce the authorization amount by \$543,750 (\$435,000 in federal funds and \$108,750 in state funds) to provide additional funds for Indian Trails operating contract (2019-0940). The original authorization provides state matching funds for the FY 2017 Section 5311(f) Intercity Bus Program grant for the purchase of motor coaches for the intercity bus program. The authorization term remains unchanged, September 12, 2017, through September 11, 2021. The revised authorization amount will be \$4,356,250. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$3,485,000; FY 2017, FY 2018, and FY 2019 State Restricted Comprehensive Transportation Funds - \$529,150; Private Funds - \$342,100.
110. PASSENGER TRANSPORTATION - Section 5307 and Section 5339 Programs  
Project Authorization (13) Revision (1) under Master Agreement (2017-0070) between MDOT and the Interurban Transit Partnership (ITP) will increase state matching funds by \$70,000 for the FY 2019 Federal Section 5307 Transit Formula Grants Program grant for the purchase of vehicle equipment. The original authorization provides state matching funds for the FY 2019 Federal Section 5307 Transit Formula Grants Program and FY 2019 Federal Section 5339 Bus and Bus Facilities Formula Program grant for replacement vehicles, service vehicles, associated capital maintenance items, bus tire lease, surveillance/security equipment, office furniture and equipment, architectural and engineering, shop equipment, computer hardware and software, rehabilitation/renovation of administrative/maintenance facility and bus shelters, preventive maintenance, capital costs of contracting, contingencies, project administration, passenger shelters, transit signal equipment, and planning line items. The authorization term will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The revised authorization amount will be \$14,065,039. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$11,252,031; FY 2019 State Restricted Comprehensive Transportation Funds - \$2,813,008.
111. PASSENGER TRANSPORTATION - Section 5307 and Section 5339 Programs  
Project Authorization (11) under Master Agreement (2017-0076) between MDOT and the Jackson Area Transportation Authority will provide state matching funds for the FY 2019 Federal Section 5307 Transit Formula Grants Program and FY 2019 Federal Section 5339 Bus and Bus Facilities Formula Program grant for the rehabilitation/renovation of the administrative/maintenance facility. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$170,634. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$136,508; FY 2019 State Restricted Comprehensive Transportation Funds - \$34,126.

112. PASSENGER TRANSPORTATION - Section 5307 and Section 5339 Programs  
Project Authorization (13) under Master Agreement (2017-0082) between MDOT and the Livingston County Board of Commissioners will provide state matching funds for the FY 2019 Federal Section 5307 Transit Formula Grants Program and FY 2019 Federal Section 5339 Bus and Bus Facilities Formula Program grant for preventive maintenance, automatic data processing software, bus support equipment, and rehabilitation/renovation of the administrative/maintenance facility. The authorization will be in effect from April 25, 2019, through April 24, 2023. The authorization will be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$894,584. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$715,667; FY 2019 State Restricted Comprehensive Transportation Funds - \$178,917.
113. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (15) Revision (3) under Master Agreement (2017-0092) between MDOT and the Mass Transportation Authority (MTA) will provide additional state funds of \$300,000 for the Job Access and Reverse Commute (JARC) line item and will reduce state funds for capital maintenance parts by \$75,000. The JARC program provides work-related transportation to Genesee County residents accessing jobs in Oakland, Livingston, Lapeer, Saginaw, Washtenaw, and Genesee counties. The increased funding will provide additional operating funds, which require a higher matching percentage than capital funds. With the arrival of 33 replacement buses, MTA anticipates that the need for capital parts will decrease as older vehicles are disposed of and replaced with new vehicles. This change has been approved by the Federal Transit Administration. The original authorization provides state matching funds for the FY 2018 Federal Section 5307 Transit Formula Grants Program grant. The authorization term remains unchanged, August 29, 2018, through August 28, 2022. The revised authorization amount will be \$10,604,678. The term of the master agreement is from October 1, 2017, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$7,243,743; FY 2018 and FY 2019 State Restricted Comprehensive Transportation Funds - \$2,260,935; Michigan Department of Health and Human Services Funds - \$550,000; Michigan Department of Talent and Economic Development Funds - \$550,000.
114. PASSENGER TRANSPORTATION - Mobility Challenge Demonstration Program  
Project Authorization (17) Revision (2) under Master Agreement (2017-0092) between MDOT and the Mass Transportation Authority (MTA) will extend the authorization term by six months to provide sufficient time for MTA to complete the project. The anticipated start of service was delayed due to expansion of the information technology project scope, changes to the type of vehicles being leased, and difficulty finding qualified operators. The original authorization provides state funds under the \$8 Million Michigan Mobility Challenge grant for the Veterans to Wellness pilot program. The revised authorization term will be November 20, 2018, through May 19, 2020. The authorization amount remains unchanged at \$603,512. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2018 State Transportation Funds - \$603,512.
115. PASSENGER TRANSPORTATION - Service Initiatives  
Project Authorization (7) under Master Agreement (2017-0119) between MDOT and the Regional Transit Authority of Southeast Michigan will provide 100 percent state funds for a municipal mobility challenge. The authorization will be in effect from the date of award through four years. The authorization amount will be \$135,893. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2019 State Restricted Comprehensive Transportation Funds - \$135,893.

116. PASSENGER TRANSPORTATION - Section 5307 Program  
Project Authorization (19) under Master Agreement (2017-0121) between MDOT and the Saginaw Transit Authority Regional Services will provide state matching funds for the FY 2019 Federal Section 5307 Urbanized Area Formula Capital Program grant for preventive maintenance, security equipment, software purchases, and to rehabilitate/renovate the administrative/maintenance facility. The authorization will be in effect from the effective date of the federal grant through four years. The authorization may be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$767,500. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$614,000; FY 2019 State Restricted Comprehensive Transportation Funds - \$153,500.
117. PASSENGER TRANSPORTATION - Section 5311 Operating/JARC  
Project Authorization (10) Revision (1) under Master Agreement (2017-0130) between MDOT and Suburban Mobility Authority for Regional Transportation (SMART) will extend the authorization term by 13 months to provide sufficient time for SMART to complete the vehicle purchase project. The project was delayed when SMART conducted a large procurement for small vehicles from multiple grants. The original authorization provides state matching funds for the FY 2019 Federal Section 5311 Formula Grants for Rural Areas Program and Job Access and Reverse Commute Program (JARC) grant for operating assistance and a replacement bus. The revised authorization term will be October 1, 2018, through October 30, 2020. The authorization amount remains unchanged at \$187,474. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$114,737; FY 2019 State Restricted Comprehensive Transportation Funds - \$72,737.
118. PASSENGER TRANSPORTATION - Section 5307/CMAQ and Section 5339 Programs  
Project Authorization (11) Revision (1) under Master Agreement (2017-0130) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART) will provide an additional \$7,350,428 in state matching funds for the FY 2017, FY 2018, and FY 2019 Federal Section 5307 Transit Formula Grants Program and FY 2019 Federal Section 5339 Bus and Bus Facilities Formula Programs grant and will extend the authorization term by one year. The original authorization provides state matching funds for the FY 2018 Federal Section 5307 Transit Formula Grants Program and Congestion Mitigation and Air Quality Improvement Program, and FY 2018 Federal Section 5339 Bus and Bus Facilities Formula Program grant for revenue vehicles; support vehicles; computer hardware and software; shop, security, and communications equipment; preventive maintenance; and facility renovation projects. The revised authorization term will be from August 29, 2018, through August 28, 2023. The revised authorization amount is \$65,272,816. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$52,218,252; FY 2018 and FY 2019 State Restricted Comprehensive Transportation Funds - \$13,054,564.



119. PASSENGER TRANSPORTATION - Section 5310 Program  
Project Authorization (12) Revision (1) under Master Agreement (2017-0130) between MDOT and the Suburban Mobility Authority for Regional Transportation (SMART) will increase the authorization amount by \$1,852, 470 (\$1,481,976 in federal funds and \$370,494 in state matching funds) under the FY 2018 Federal Section 5310 Elderly and Persons with Disabilities Program, will adjust the funding between line items, and will extend the authorization term by one year. The original authorization provides state matching funds for SMART's FY 2017 Federal Section 5310 Elderly and Persons with Disabilities Program grant for vehicles, computer and shop equipment, preventive maintenance, and mobility management. The revised authorization term will be August 10, 2018, through August 9, 2023. The revised authorization amount will be \$4,678,731. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$3,742,985; FY 2017 and FY 2019 State Restricted Comprehensive Transportation Funds - \$935,746.
120. PASSENGER TRANSPORTATION - Section 5307 and Section 5339 Programs  
Project Authorization (3) Revision (1) under Master Agreement (2017-0133) between MDOT and the Twin Cities Area Transportation Authority (TCATA) will provide an additional \$22,775 in state matching funds for TCATA's FY 2018 Federal Section 5307 Urbanized Area Formula Capital Program grant to cover the cost of revenue vehicles. The original authorization provides state matching funds for the FY 2017 Federal Section 5307 Urbanized Area Formula Capital Program and FY 2017 Federal Section 5339 Bus and Bus Facilities Formula Program grant for revenue vehicles and a phone system. The authorization term remains unchanged, August 3, 2017, through August 2, 2021. The revised authorization amount will be \$519,357. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$415,485; FY 2017 and FY 2019 State Restricted Comprehensive Transportation Funds - \$103,872.
121. PASSENGER TRANSPORTATION - Section 5307, Section 5310 and Section 5339 Programs  
Project Authorization (9) under Master Agreement (2017-0133) between MDOT and the Twin Cities Area Transportation Authority (TCATA) will provide state matching funds for the FY 2019 Federal Section 5307 Federal Transit Formula Grants Program and FY 2019 Federal Section 5339 Bus and Bus Facilities Formula Program grant for administrative vehicles, facility improvements, maintenance equipment, and bus equipment. The authorization will be in effect from April 4, 2019, through April 3, 2023. The authorization will be retroactive due to the effective date matching the federal grant effective date. The authorization amount will be \$588,940. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$471,152; FY 2019 State Restricted Comprehensive Transportation Funds - \$117,788.

122. PASSENGER TRANSPORTATION - Section 5311 Operating/JARC Programs  
Project Authorization (4) Revision (1) under Master Agreement (2017-0139) between MDOT and Western-Washtenaw Area Value Express will extend the authorization term by one year to provide sufficient time for the Agency to complete the vehicle and vehicle equipment purchases. The project was delayed due to production delays by the vehicle manufacturer. The original authorization provides state matching funds for the FY 2019 Federal Section 5311 Formula Grants for Rural Areas Program and Job Access and Reverse Commute (JARC) Program grant for operating assistance, mobility management, a replacement bus, and a bike rack. The revised authorization term will be from October 1, 2018, through September 30, 2020. The authorization amount remains unchanged at \$284,500. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$203,150; FY 2019 State Restricted Comprehensive Transportation Funds - \$81,350.
123. \*PASSENGER TRANSPORTATION - Service Initiatives  
Amendatory Contract (2018-0741/A1) between MDOT and Michigan State University will add pre-award spending authority language and will change the contract effective date to August 13, 2018, the date MDOT approved Exhibit A, which outlines the specific tasks to be performed. (The contract was originally effective on the date of award, January 24, 2019.) The original contract provides federal funds and state matching funds for the conduct of annual customer satisfaction and trip purpose surveys at Michigan transit agencies. The revised contract term will be August 13, 2018, through December 30, 2021. The contract amount remains unchanged at \$506,366. Source of Funds: Federal Highway Administration Funds - \$405,093; FY 2019, FY 2020, and FY 2021 State Restricted Comprehensive Transportation Funds - \$101,273.
124. \*PASSENGER TRANSPORTATION - MichiVan Commuter Vanpool Program  
Amendatory Contract (2019-0036/A1) between MDOT and Enterprise Leasing Company of Detroit, LLC, will extend the contract term by one year to provide for the continuation of service that allows people to use vanpools as an alternate transportation mode to the single occupant vehicle work commute through FY 2020. The original contract provides for vanpool services, including marketing, National Transit Database reporting, and capital costs of the FY 2019 Michivan Program. The revised contract term will be October 1, 2018, through September 30, 2020. The contract amount remains unchanged at \$3,106,020. Source of Funds: Federal Highway Administration Funds - \$2,911,020; FY 2019 State Restricted Comprehensive Transportation Funds - \$195,000.
125. \*PASSENGER TRANSPORTATION - MichiVan Commuter Vanpool Program  
Amendatory Contract (2019-0036/A2) between MDOT and Enterprise Leasing Company of Detroit, LLC, will increase the contract amount by \$3,367,973 to provide funding for the continuation of service that allows people to use vanpools as an alternate transportation mode to the single occupant vehicle work commute for FY 2020. The original contract provides for vanpool services, including marketing, National Transit Database reporting, and capital costs of the FY 2019 Michivan Program. The contract term will remain unchanged, October 1, 2019, through September 30, 2020. The revised contract amount will be \$6,473,993. Source of Funds: Federal Highway Administration Funds - \$6,083,993; FY 2019 and FY 2020 State Restricted Comprehensive Transportation Funds - \$390,000.
126. \*PASSENGER TRANSPORTATION - Intercity Bus Operating Program  
Contract (2019-0940) between MDOT and Indian Trails, Inc., will provide state matching funds for the FY 2019 Intercity Bus Operating Program grant for the continued provision of operating assistance for intercity travel. The contract will be in effect from October 1, 2019, through September 30, 2021. The contract amount will be \$4,395,000. Source of Funds: Federal Transit Administration Funds - \$2,197,500; FY 2019 State Restricted Comprehensive Transportation Funds - \$2,197,500.

127. RAIL – Bridge Rehabilitation Work  
Project Authorization (8) Revision (4) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will extend the authorization by ten months. The additional time needed because of the wet Spring and difficulty procuring survey services. The original authorization provides for the preparation of plans, specifications, and estimates for the repair of six bridges on the rail line purchased by MDOT from Norfolk Southern Railway Company between Kalamazoo and Dearborn on the Chicago-Detroit/Pontiac High Speed Rail Corridor. MDOT compensates Amtrak for eligible costs under the approved scope of work and spending plan. The revised authorization term will be September 15, 2017, through June 30, 2020. The authorization amount remains unchanged at \$450,000. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: FY 2017 State Restricted Comprehensive Transportation Funds - \$450,000.
128. RAIL – Turnout Reconstruction  
Project Authorization (14) Revision (1) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will extend the authorization term by seven months. The additional time is needed because of delays caused by problems with material procurement, weather, and schedule coordination. The original authorization provides for complete turnout reconstruction at control point (CP) 140 and CP 142 in Kalamazoo County. MDOT compensates Amtrak for eligible costs under the approved scope of work and estimate. The revised authorization term will be March 1, 2018, through December 31, 2019. The authorization amount remains unchanged at \$1,040,111. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$1,040,111.
129. RAIL – Ties and Surfacing from Kalamazoo to Battle Creek  
Project Authorization (22) Revision (2) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will increase the authorization amount by \$461,799 to provide for additional surfacing through concrete crossing surfaces and for freight delivery. MDOT compensates Amtrak for eligible costs under the approved scope of work and estimate. The authorization term remains unchanged, August 31, 2018, through December 31, 2019. The revised authorization amount will be \$5,429,250. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$5,429,250.
130. RAIL - Rail Passenger Maintenance  
Project Authorization (23) Revision (1) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will increase the spending authority by \$10,062,584 and will extend the authorization term by one year to provide for an additional year of the maintenance services. The original authorization provides for managed maintenance of the rail line purchased by MDOT from Norfolk Southern Railway Company between Kalamazoo and Dearborn on the Chicago-Detroit/Pontiac High Speed Rail Corridor. MDOT compensates Amtrak for eligible costs under the approved scope of work and spending plan. The revised authorization term will be October 1, 2018, through September 30, 2020. The revised authorization amount will be \$24,605,867. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$24,605,867.

131. RAIL – Curve Patch Rail Replacement  
Project Authorization (27) Revision (1) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will increase the authorization amount by \$993,277 to provide for the procurement and installation of an additional 12,616 tie plates. The original authorization provides for the installation of 50 strings of curve patch rail from Kalamazoo to Marshall, Michigan. MDOT compensates Amtrak for eligible costs under the approved scope of work and estimate. The authorization term remains unchanged, December 3, 2018, through December 31, 2019. The revised authorization amount will be \$3,186,690. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$3,186,690.
132. RAIL – Merriman Road Circuitry Work  
Project Authorization (31) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will provide for the complete track circuitry upgrades to generate 30 seconds of advanced roadway traffic preemption at the Merriman Road grade crossing at mile post 15.60 in the City of Westland, Wayne County. MDOT compensates Amtrak for eligible costs under the approved scope of work and estimate. The authorization term will be September 15, 2019, through August 28, 2020. The authorization amount will be \$301,891. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: Federal Highway Administration Funds - \$216,230.40; State Restricted Michigan Transportation Funds - \$24,025.60; State Restricted Comprehensive Transportation Funds - \$61,635.
133. RAIL - Curve Patch Rail Replacement  
Project Authorization (32) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will provide for the installation of 50 strings of curve patch rail from Marshall and Jackson, Michigan. MDOT compensates Amtrak for eligible costs under the approved scope of work and estimate. The authorization term will be September 15, 2019, through September 30, 2021. The authorization amount will be \$3,186,690. The term of the master agreement is from December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$3,186,690.
134. RAIL – Procurement of Ties, Other Track Material, and Ballast  
Project Authorization (33) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will provide for the purchase, transport, unloading, and securing of mainline ties, ancillary other track material, and ballast for future mainline tie replacement from Battle Creek to Jackson, Michigan. MDOT will compensate Amtrak for eligible costs under the approved scope of work and estimate. The authorization will be in effect from September 15, 2019, through August 31, 2021. The authorization amount will be \$4,119,795. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$4,119,795.
135. RAIL - Turnout Reconstruction  
Project Authorization (34) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will provide for the complete turnout reconstruction at control point (CP) 52 and CP 56 in Washtenaw County. MDOT compensates Amtrak for eligible costs under the approved scope of work and spending plan. The authorization term will be September 15, 2019, through September 30, 2021. The authorization amount will be \$1,346,423. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$1,346,423.

136. RAIL - Turnout Reconstruction  
Project Authorization (35) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will provide for complete turnout reconstruction at mile post 130.35 in the Village of August, Kalamazoo County. MDOT compensates Amtrak for eligible costs under the approved scope of work and spending plan. The authorization term will be September 15, 2019, through September 30, 2020. The authorization amount will be \$571,404. The term of the master agreement is December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$571,404.
137. RAIL – Procurement of Mainline BO Diamonds & Ancillary OTM  
Project Authorization (36) under Master Agreement (2012-0200) between MDOT and the National Railroad Passenger Corporation (Amtrak) will provide for the purchase, transport, unloading, and securing of four mainline diamonds, ancillary other track material, and ballast for the future replacement of the BO diamonds at mile post (MP) 143.09 and MP 143.16 in the City of Kalamazoo, Kalamazoo County, Michigan. MDOT will compensate Amtrak for eligible costs under the approved scope of work and estimate. The authorization will be in effect from September 15, 2019, through September 20, 2021. The authorization amount will be \$759,321. The term of the master agreement is from December 7, 2012, through September 30, 2032. Source of Funds: State Restricted Comprehensive Transportation Funds - \$759,321.
138. \*RAIL - Increase Amount  
Amendatory Contract (2019-0008/A1) between MDOT and the Detroit/Wayne County Port Authority (DWCPA) will provide an additional \$50,200 as appropriated for FY 2019. The original contract provides funding to help finance DWCPA's FY 2019 operations. This funding is provided under the provisions of 1978 PA 639, 2018 PA 207, and 2018 PA 618. The contract term remains unchanged, October 1, 2018, through September 30, 2019. The revised contract amount will be \$468,200. Source of Funds: FY 2019 State Restricted Comprehensive Transportation Funds - \$418,200; FY 2019 General Funds - \$50,000.
139. RAIL - Design Engineering Services  
Contract (2019-0257) between MDOT and Bergmann Associates, Architects, Engineers, Landscape Architects & Surveyors, D.P.C., will provide for design services to be performed for the full structure replacement of the state-owned, Great Lakes Central Railroad maintained and operated railroad structure over the Manistee River on the northern district railroad corridor, north of the City of Manton, Wexford County, Michigan. The work items will include performing design surveys; developing required plans, typical cross-sections, details, and specifications; computing and verifying all plan quantities; and preparing staging plans and special provisions. The contract will be in effect from the date of award through December 31, 2021. The contract amount will be \$801,101.67. Source of Funds: 100% State Restricted Comprehensive Transportation Funds.
140. \*RAIL – Freight Economic Development Program  
Contract (2019-0893) between MDOT and Zilwaukee Properties, Inc., will provide financial assistance in the form of a grant for the construction of rail spurs and unloading infrastructure in Zilwaukee, Michigan. The contract will be in effect from the date of award until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the appropriate grant funds have been dispensed. The estimated project cost is \$755,085. MDOT will reimburse Zilwaukee Properties, Inc., 50 percent of the project cost, up to a maximum amount of \$377,542.50. Provisions included in the contract calculate actual reimbursement by annual carloads of freight shipped to/from the facility annually over a five-year reporting period. Zilwaukee Properties, Inc., commits to shipping and/or receiving a minimum of 248 new carloads of freight from/at the facility via rail annually, above its current level of 752 carloads. Source of Funds: FY 2019 State Restricted Comprehensive Transportation Funds - \$377,542.50; Zilwaukee Properties, Inc., Funds - \$377,542.50.

\* Denotes a non-standard contract/amendment

141. \*RAIL - Freight Economic Development Program

Contract (2019-0921) between MDOT and Martin Marietta Materials will provide financial assistance in the form of a loan for the construction of a rail spur in Maristee, Michigan. The contract will be in effect from the date of award until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the loan has been fully repaid. The estimated project cost is \$582,930. MDOT will loan Martin Marietta Materials 50 percent of the project costs, up to a maximum amount of \$291,465. Provisions included in the contract permit the loan to be forgiven incrementally over a five-year period based on carloads shipped to/from the facility via rail. Martin Marietta Materials commits to shipping and/or receiving a minimum of 730 new carloads of freight from/at the facility via rail annually, above its current level of 3,750 carloads. Source of Funds: FY 2019 State Restricted Comprehensive Transportation Funds - \$291,465; Martin Marietta Materials Funds - \$291,465.

142. \*RAIL - Freight Economic Development Program

Contract (2019-0936) between MDOT and West Michigan Railroad Co. will provide financial assistance in the form of a loan for the construction of a transload facility in Hartford, Michigan. The contract will be in effect from the date of award until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the loan has been fully repaid. The estimated project cost is \$739,305. MDOT will loan West Michigan Railroad Co. 50 percent of the project costs, up to a maximum amount of \$369,652.50. Provisions included in the contract permit the loan to be forgiven incrementally over a five-year period based on carloads shipped to/from the facility via rail. West Michigan Railroad Co. commits to shipping and/or receiving a minimum of 150 carloads of freight from/at the facility via rail annually. Source of Funds: FY 2019 State Restricted Comprehensive Transportation Funds - \$369,652.50; West Michigan Railroad Co. Funds - \$369,652.50.

Upon receipt of your approval, the contracts and agreements will be processed for award. Subject to the exercise of the discretion in the processing, I approve the contracts described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

*Signed copy on file*

Paul C. Ajegba  
Director

## REQUEST FOR MICHIGAN STATE TRANSPORTATION

## COMMISSION APPROVAL

## BID LETTING PRE-APPROVAL

August 22, 2019

The following contracts are being submitted for approval.

**TRUNKLINE CONTRACTS**

- |    |  |  |
|----|--|--|
| 1. | Letting of August 23, 2019<br>Letting Call: 1908 601<br>Project: M 52032-207857<br>Local Agreement:<br>Start Date: 10 days after award<br>Completion Date: June 10, 2020 | Prequalification Level:<br><b>\$1,035,000.00</b> |
|----|--|--|

Replace culvert with 24' by 5' precast concrete box culvert, steel sheet piling, cofferdam, guardrail, hot mix asphalt approach work and pavement markings on M-35 over O'Neal Creek Tributary, Marquette County.

0.00 % DBE participation required

- |    |  |   |
|----|--|---|
| 2. | Letting of September 6, 2019<br>Letting Call: 1909 001<br>Project: MRR 82144-204008-3, ETC<br>Local Agreement:<br>Start Date: April 5, 2020<br>Completion Date: September 19, 2021 | Prequalification Level:<br><b>\$12,525,000.00</b> |
|----|--|---|

9.10 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, curb, gutter and sidewalk ramps, drainage, two railroad crossing improvements and pavement markings on 8 Mile Road from I-75 to I-94 in the cities of Detroit, Harper Woods, Hazel Park, Warren and Eastpointe, Macomb, Wayne and Oakland Counties. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required

- |    |  |  |
|----|--|--|
| 3. | Letting of September 6, 2019<br>Letting Call: 1909 003<br>Project: ST 63102-132944-2<br>Local Agreement:<br>Start Date: 10 days after award<br>Completion Date: September 20, 2020 | Prequalification Level:<br><b>\$2,884,000.00</b> |
|----|--|--|

Pump station rehabilitation along I-696 westbound at the Rouge River in the city of Southfield, Oakland County. Please see the Notice to Bidders for Determination of Lowest Successful Bidder for more information.

3.00 % DBE participation required

4. Letting of September 6, 2019  
Letting Call: 1909 022  
Project: STG 82022-129392  
Local Agreement: 19-5424  
Start Date: April 15, 2020  
Completion Date: October 15, 2020
- Prequalification Level:  
**\$2,325,000.00**

Traffic signal modernizations, ramp upgrades and ITS/connected vehicles installation at 10 locations and pavement markings on various routes in the cities of Dearborn, Plymouth, Livonia and Harper Woods, Wayne County.

0.00 % DBE participation required

5. Letting of September 6, 2019  
Letting Call: 1909 023  
Project: NH 15012-205007  
Local Agreement:  
Start Date: January 6, 2020  
Completion Date: March 31, 2020
- Prequalification Level:  
**\$1,103,000.00**

Structural steel rehabilitation and electrical rehabilitation including submarine cable replacement on US-31 at the Charlevoix Bascule Bridge over the Pine River in the city of Charlevoix, Charlevoix County.

2.00 % DBE participation required

#### **DESIGN/BUILD CONTRACTS**

6. Letting of October 16, 2019  
Letting Call: 1910 701  
Project: IM 73111-127021  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: May 20, 2022
- Prequalification Level:  
**\$49,525,000.00**

Design-Build Project: 2.4 mi of reconstruction and widening on I-75 from Hess Avenue to I-675 and reconstruction of M-46, reconstruction of the I-75/M-46 interchange and replacing structures at M-46 over I75 and at I-75 over LSRC/CSX Railroad, Saginaw County. This project contains a 2-year bridge painting warranty and a 2-year warranty on concrete surface coating. Alternate 1 (section 2) is an HMA alternate and contains a 5-year materials and workmanship pavement warranty. Alternate 2 (section 3) is a concrete alternate and contains a 5-year materials and workmanship pavement warranty. Only shortlisted contractors are eligible to bid on this project.

5.00 % DBE participation required



7. Letting of October 25, 2019  
Letting Call: 1910 801  
Project: GF19 33014-205198  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: May 14, 2021
- Prequalification Level:  
**\$4,623,000.00**

Design-Build Project: Design and construction of Americans with Disabilities Act (ADA) improvements at up to 78 rest areas located across multiple counties. Only shortlisted contractors are eligible to bid on this project.

0.00 % DBE participation required

### **LOCAL AREA CONTRACTS**

8. Letting of September 6, 2019  
Letting Call: 1909 002  
Project: STL 68000-202334-2  
Local Agreement: 19-5134  
Start Date: 10 days after award  
Completion Date: September 27, 2020
- Prequalification Level:  
**\$522,000.00**

3.21 mi of hot mix asphalt resurfacing, aggregate shoulders, signing and pavement markings on Town Line Road from south of Lyle Road to the north Oscoda county line, Oscoda County. This is a Local Agency project.

3.00 % DBE participation required

9. Letting of September 6, 2019  
Letting Call: 1909 004  
Project: TA 70139-126424  
Local Agreement: 19-5405  
Start Date: 10 days after award  
Completion Date: August 5, 2020
- Prequalification Level:  
**\$1,714,000.00**

3.10 mi of hot mix asphalt shared use path, concrete pavement, curb, gutter, sidewalk and ramps, drainage, fencing and pavement markings along North Bank Trail from 130th Avenue to 112th Avenue in the village of Spring Lake, Ottawa County. This is a Local Agency project.

5.00 % DBE participation required

10. Letting of September 6, 2019  
Letting Call: 1909 012  
Project: TA 35000-131028-2, ETC  
Local Agreement: 19-5297  
Start Date: 10 days after award  
Completion Date: August 28, 2020
- Prequalification Level:  
**\$2,165,000.00**

2.73 mi of hot mix asphalt shared use path, boardwalk, prefabricated steel bridges, concrete substructure, curb, gutter, sidewalk and ramps, steel sheet piling, piles, water main, drainage and pavement markings along River Road and Mill Street from Pine Crest Trail to US-23, Iosco County. This is a Local Agency project.

4.00 % DBE participation required

11. Letting of September 6, 2019  
Letting Call: 1909 014  
Project: TA 33000-202716  
Local Agreement: 19-5436  
Start Date: 10 days after award  
Completion Date: May 29, 2020
- Prequalification Level:  
**\$1,090,000.00**

Hot mix asphalt paving, concrete driveway, curb, gutter, sidewalk and ramps, drainage, signal work and pavement markings at various locations including Washington Woods Elementary, Hope Middle and Holt Jr. High Schools, Ingham County. This is a Local Agency project.

3.00 % DBE participation required

12. Letting of September 6, 2019  
Letting Call: 1909 015  
Project: HSIP 81000-203466  
Local Agreement: 19-5403  
Start Date: October 1, 2019  
Completion Date: October 2, 2020
- Prequalification Level:  
**\$627,000.00**

0.25 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, aggregate base, drainage and pavement markings on Textile Road at Woodland Drive, Washtenaw County. This is a Local Agency project.

3.00 % DBE participation required

13. Letting of September 6, 2019  
Letting Call: 1909 016  
Project: STU 82000-203503-2  
Local Agreement: 19-5276  
Start Date: 10 days after award  
Completion Date: November 30, 2019
- Prequalification Level:  
**\$1,369,000.00**

1.50 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb and ramps, joint repair, drainage and pavement markings on Beech Daly Road from Brest Road to Wick Road in the city of Taylor, Wayne County. This is a Local Agency project.

3.00 % DBE participation required

14. Letting of September 6, 2019  
Letting Call: 1909 017  
Project: STUL 73000-205677  
Local Agreement: 19-5430  
Start Date: June 15, 2020  
Completion Date: July 31, 2020
- Prequalification Level:  
**\$1,836,000.00**

4.77 mi of hot mix asphalt cold milling and resurfacing, full depth joint and crack repairs and pavement markings on Tittabawassee Road from Midland Road (M-47) to Mackinaw Road, Saginaw County. This is a Local Agency project.

3.00 % DBE participation required

15. Letting of September 6, 2019  
Letting Call: 1909 018  
Project: STU 23000-129912  
Local Agreement: 19-5411  
Start Date: April 20, 2020  
Completion Date: July 10, 2020

Prequalification Level:  
**\$1,309,000.00**

0.34 mi of hot mix asphalt reconstruction, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, sanitary and storm sewer, water main and pavement markings on Jenne Street/Bridge Street from South Street to Jefferson Street in the city of Grand Ledge, Eaton County. This is a Local Agency project.

3.00 % DBE participation required

16. Letting of September 6, 2019  
Letting Call: 1909 019  
Project: BRT 82000-206354  
Local Agreement: 19-5426, 19-54276  
Start Date: April 15, 2020  
Completion Date: July 1, 2020

Prequalification Level:  
**\$1,009,000.00**

Box culvert replacement with a precast three-sided or arch, guardrail, drainage and pavement markings on Pennsylvania Road over Blakely Drain, Wayne County. This is a Local Agency project.

0.00 % DBE participation required

17. Letting of September 6, 2019  
Letting Call: 1909 020  
Project: STL 01555-112771  
Local Agreement: 19-5409  
Start Date: June 8, 2020  
Completion Date: August 17, 2020

Prequalification Level:  
**\$642,000.00**

1.49 mi of hot mix asphalt crush, shape, cold mill and resurface, concrete curb and gutter, guardrail, signing and pavement markings on Barlow Road from M-72 to the south village limit of Lincoln, Alcona County. This is a Local Agency project.

3.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

*Signed copy on file*

Paul C. Ajegba  
Director

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## OFFICE MEMORANDUM

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**DATE:** August 16, 2019

**TO:** State Transportation Commission

**FROM:** Jack Cotter, CPA, CGMA  
Commission Auditor  
Office of Commission Audits

**SUBJECT:** Justification Memorandums

Attached for your information are the department's justification memorandums for Exhibit A-2 items where the low bid exceeded the engineer's estimate by more than ten percent.

*Signed Original on File*

Jack Cotter, CPA, CGMA  
Commission Auditor

Attachments

cc: T. Hagon

**DATE:** August 2, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: July 12, 2019

Project Description: 0.27 mi of railroad crossing approach work, guardrail and construction of temporary run-arounds to facilitate work on M-28 at two locations and on M-149 on the Wisconsin Central Ltd. Railroad, Alger and Schoolcraft Counties.

Project Number: 02042-200915-2

Item Number: 1907 015

Low Bidder: Bacco Construction Company

Eng. Est: \$405,567.34      Low Bid: \$594,302.68      Difference: \$188,735.34      Percent: 46.54

The following shows the engineer's estimate and the proposed bid received for this project:

Engineer's Estimate	\$405,567.34
Bacco Construction Company	\$594,302.68

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were hot mix asphalt approach and traffic regulator control. These items were bid higher than normal due to multiple sites, project location, and non-production work. This project involves three railroad crossing in remote areas of the Upper Peninsula. Two crossings are located approximately 6.5 miles apart and the other is approximately 42 miles away. Each location has small areas of paving, including road approaches to the railroad crossing and temporary run-arounds, leading to lower production paving. Equipment will need to be set down, picked up, and moved around each site, creating a more labor-intensive operation. The temporary run-around will be paved before any work is completed before the contractor returns to pave the road approaches at each crossing once the railroad work is completed. Additionally, each set up will require flagging and traffic regulators to direct traffic. All paving operations will require traffic regulators, solely for this crew, and therefore cannot be utilized on other jobs. Furthermore, the unpredictability of the railroad company's schedule creates uncertainty when trying to coordinate crews and optimize other operations in the vicinity. The estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

August 2, 2019

**OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of multiple sites, project location, and non-production work. This project received one bid of \$594,302.68. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Newberry TSC request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
T. Sauter	D. Rusch	M. Lusk	M. Maloney	A. Johnson
D. Tebbe	K. Kirkpatrick			

BOD:DD:QA:DLP:raw

**DATE:** August 8, 2019

**TO:** Patrick J. McCarthy, Director  
Bureau of Finance and Administration

**FROM:** Bradley C. Wieferich, Director  
Bureau of Development

**SUBJECT:** Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: July 12, 2019

Project Description: 1.91 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, culvert, curb, gutter, sidewalk and ramps, water main, signals, signing and pavement markings on Cork Street from Portage Street to Sprinkle Road in the city of Kalamazoo, Kalamazoo County.

Project Number: 39000-131003

Item Number: 1907 031

Low Bidder: Kamminga & Roodvoets, Inc.

Eng. Est: \$6,547,372.00 Low Bid: \$7,287,608.70 Difference: \$740,236.70 Percent: 11.31

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$6,547,372.00
Kamminga & Roodvoets, Inc.	\$7,287,608.70
Hoffman Bros., Inc.	\$7,729,805.35
Kalin Construction Co., Inc.	\$7,794,111.12
Dunigan Bros, Inc.	\$8,301,022.90
Peters Construction Co.	\$8,454,487.32

### **EXPLANATION FOR DIFFERENCES**

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were modified machine grading, special excavation, modified aggregate base, modified box culvert, minor traffic devices, modular video detection system, directional drilled 16 inch water main, modified 16 inch water main, 1 ¼ inch water service and ductile iron fittings. These items were bid higher than normal due to the water main depth required, complex construction staging, special items of work unique to this project and railroad coordination. The machine grading modified, and minor traffic devices require extra work to maintain driveways and connecting streets, as well as follow complicated construction staging that requires part-width construction for the entirety of the project. The special excavation pay item requires coordination with the railroads and involves testing and removal of contaminated soils. The modified aggregate base must be applied in small quantities to follow the construction staging, limiting production. The modified box culvert, modular video detection system, and directional drilled 16-inch water main are items are unique to this project and had limited or no

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bid history. To maintain vertical separation from sewers, the modified 16-inch water main, 1¼ inch water service and ductile iron fittings are required to be installed at an additional depth, increasing unit prices. The local agency estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

### **OVERALL CONCLUSION**

As indicated in the above analysis, the low bid is over the engineer's estimate because of water main depth, complicated construction staging, unique items of work and railroad coordination. This project received five bids ranging from \$7,287,608.70 to \$8,454,487.32, which varied by 16.01 percent. The three lowest bids varied by 6.95 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the city of Kalamazoo request that this project be awarded to the low bidder, based on the above conclusion.

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Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
S. Fedders	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	B. Rottiers	J. Gutting	E. Poole
T. Sauter	G. Masinda	C. Jacobs	K. Rothwell	W. Thompson
K. Kirkpatrick				

BOD:DD:QA:RWC:raw



REQUEST FOR MICHIGAN STATE  
TRANSPORTATION COMMISSION APPROVAL  
LETTING EXCEPTIONS AGENDA

August 22, 2019

**TRUNKLINE CONTRACTS**

1. Letting of July 12, 2019  
Letting Call: 1907 015  
Project: MRR 02042-200915-2  
Local Agreement:  
Start Date: 10 days after award  
Completion Date: June 12, 2020

Low Bid: **\$594,302.68**  
Engineer Estimate: \$405,567.34  
Pct Over/Under Estimate: 46.54 %

0.27 mi of railroad crossing approach work, guardrail and construction of temporary run-arounds to facilitate work on M-28 at two locations and on M-149 on the Wisconsin Central Ltd. Railroad, Alger and Schoolcraft Counties.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Bacco Construction Company</b>	<b>\$594,302.68</b>	<b>Same</b>	<b>1 **</b>

Total Number of Bidders: 1

## LOCAL AREA CONTRACTS

2. Letting of July 12, 2019  
Letting Call: 1907 031  
Project: STU 39000-131003  
Local Agreement: 19-5350  
Start Date: 10 days after award  
Completion Date: October 31, 2020
- Low Bid: **\$7,287,608.70**  
Engineer Estimate: \$6,547,372.00  
Pct Over/Under Estimate: 11.31 %

1.91 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, culvert, curb, gutter, sidewalk and ramps, water main, signals, signing and pavement markings on Cork Street from Portage Street to Sprinkle Road in the city of Kalamazoo, Kalamazoo County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
<b>Kamminga &amp; Roodvoets, Inc.</b>	<b>\$7,287,608.70</b>	<b>Same</b>	<b>1 **</b>
Hoffman Bros., Inc.	\$7,729,805.35	Same	2
Kalin Construction Co., Inc.	\$7,794,111.12	Same	3
Dunigan Bros, Inc.	\$8,301,022.90	Same	4
Peters Construction Co.	\$8,454,487.32	Same	5

Total Number of Bidders: 5

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

*Signed copy on file*

Paul C. Ajegba, P.E.  
Director